INDEX OF AUTHORS.

PAGE

BASILE, C. *Leishmania, Herpetomonas,* and *Crithidia* in Fleas. (With Plates XXI and XXII) 366

BAYLIS, H. A. On the Classification of the Ascaridae. I. The systematic value of certain characters of the alimentary canal. (With 1 Text-figure) 253

—— On the Classification of the Ascaridae. II. The *Polydelphis* Group; with some account of other Ascarids parasitic in Snakes. (With 7 Text-figures) . . . 411

BEDFORD, G. A. H. Mallophaga from South African Birds. Descriptions of a New Genus (*Neomenopon*) and Two New Species (*Machaerilaemus plocei, Neomenopon pteroclurus*). (With Plates XII and XIII) 167

BENTHAM, THOMAS. Human Intestinal Protozoal and Helminthic Infections observed in Malta. A Report to the Medical Research Committee. 72

BOULENGER, CHARLES L. Sclerostomes of the Donkey in Zanzibar and East Africa. (With 5 Text-figures) 27

—— Intestinal Helminths in Indians in Mesopotamia 95

—— On some Nematode Parasites of the Zebra. (With 7 Text-figures) . . . 98

—— On some Filariid Parasites of Cattle and other Ruminants. (With 7 Text-figures) 341

BRUG, S. L. *Endolimax kueneni* n.sp., Parasitic in the Intestinal Tract of the Monkey *Macacus cynomolgus.* (With Plate XXIII) 378

BUXTON, P. A. Body-lice under Summer Conditions in Mesopotamia 173

—— The Capitulum of *Psoroptes* (*Acarina*). (With 2 Text-figures) 334

DARLING, S. T. Observations on the Geographical and Ethnological Distribution of Hookworms 217

DOBELL, C. A Note on the New Species of *Eimeria* found in Man by Dr E. P. Snijders 433

DUNKERLY, J. S. Fish Myxosporidia from Plymouth. (With 6 Text-figures) . . 328

FAUST, E. C. A Survey of Cawston's Species of South African Cercariae. (With 4 Text-figures) 212

HOARE, C. A. On some New Haemogregarines from British East Africa. (With Plate XVIII) 315

KEILIN, D. On a New Saccharomycete *Monosporella unicuspidata* gen. n. nom., n.sp., Parasitic in the Body Cavity of a Dipterous Larva (*Dasyhelea obscura* Winnertz). (With 3 Text-figures) 83

—— On the Occurrence of a Supplementary Chromatic Body in *Maupasella nova* Cépède (Ciliata astoma), an Intestinal Parasite of Earth-worms (*Allolobophora caliginosa* Savigny). (With Plate VI) 92

—— On Two New Gregarines, *Allantocystis dasyhelei* n.g., n.sp., and *Dendrorhynchus systeni* n.g., n.sp., Parasitic in the Alimentary Canal of the Dipterous Larvae, *Dasyhelea obscura* Winn. and *Systenus* sp. (With Plate X and 2 Text-figures) . 154

KOBAYASHI, H. On some Digenetic Trematodes in Japan. (With Plates XXIV—XXVI) 380

LIM, R. K. S. A Parasitic Spiral Organism in the Stomach of the Cat. (With Plate VII) 108

MANSON-BAHR, PHILIP and FAIRLEY, N. HAMILTON. Observations on Bilharziasis amongst the Egyptian Expeditionary Force. (With Plates III—V and 3 Text-figures) 33

PAGE

MEGGITT, F. J. A contribution to our knowledge of the Tapeworms of Poultry. (With Plate XVI and Plate XVII, Figs. 8–11, and 1 Text-figure) 301

—— A New Species of Cestode (*Oochoristica erinacei*) from the Hedgehog. (With Plate XVII, Figs. 12, 13) 310

NORDENSKIÖLD, ERIK. Spermatogenesis in *Ixodes ricinus* Linn. (With Plate XI) . 159

NUTTALL, GEORGE H. F. On Coloration in Ticks. II. (With Plates I and II) . . 1

—— Regeneration of the Mouthparts and Legs in Ticks. *Argas persicus*, *Amblyomma hebraeum* and *Hyalomma aegyptium*. (With 6 Text-figures) 7

—— On Fahrenholz's Purported New Species, Sub-Species and Varieties of *Pediculus*. (With 2 Charts) 136

PEACOCK, A. D. The Anopheline Waters of Southern Flanders. Being a Report on the area occupied by the British Second Army in France. (With 1 Map and 1 Text-figure) 234

RENNIE, J. and SUTHERLAND, C. H. On the Life History of *Bucentes* (*Siphona*) *Geniculata* (Diptera: Tachinidae), Parasite of *Tipula paludosa* (Diptera) and other Species. (With Plate XIV) 199

ROBINSON, L. E. Malformations in Ticks. (With 5 Text-figures) 175

SNIJDERS, E. P. On the Cysts of a hitherto undescribed species of *Eimeria* in Human Stools. (With 1 Text-figure) 427

SUTHERLAND, C. H. See RENNIE

SWELLENGREBEL, N. H. and SWELLENGREBEL-DE GRAAF, J. M. H. A Malaria Survey in the Malay Archipelago 180

TREADGOLD, C. H. On a Filaria, *Loa papionis* n.sp., Parasitic in *Papio cynocephalus*. (With Plates VIII and IX) 113

WARBURTON, C. Sarcoptic Scabies in Man and Animals. A critical survey of our present knowledge regarding the Acari concerned. (With Plate XV and 10 Text-figures) 265

WENYON, C. M. Observations on the Intestinal Protozoa of Three Egyptian Lizards, with a Note on a Cell-invading Fungus. (With Plates XIX and XX, and 2 Text-figures) 350

WOODLAND, W. N. F. On a Remarkable New Species of *Porocephalus* (*P. pomeroyi*, sp. n.) from the Fore-gut of a Nigerian Cobra. (With 1 Text-figure) . . . 337

INDEX OF SUBJECTS.

PAGE

Abnormalities in Ticks 175
Africa, *see* Donkey
British East, Nematodes of zebra 98
new Haemogregarines from 315
South, Mallophaga from birds 167
see Cercaria
Agama stellio (lizard), intestinal flagellate in 358
Agchylostoma, *see* Vermes, Nematoda
Allantocystis n.g., *see* Protozoa, Gregarines
Allolobophora caliginosa parasitized by ciliate protozoon 92
Amblyomma, *see* Arachnida, Ixodoidea
Amoebiasis in Malta 72
Amphibia, *see Bufo*, *Rana*
Annelida, *see Allolobophora*
Anophelenes, *see* Insecta, Diptera
Aponomma, *see* Arachnida, Ixodoidea
ARACHNIDA
. ACARINA varia
. *Cnemidocoptes* genus 292
. *Notoedres* genus 290
. *Psoroptes equi*, capitulum of 334
. *Sarcoptes* genus 270
. *scabiei* 265, 272
. IXODOIDEA
. coloration in 1
. regeneration of mouthparts and legs 7
. *Amblyomma*, coloration in. 4
. *cajennense*, malformation in 177
. *gemma*, coloration in 1
. *hebraeum*, coloration in 1
. malformation in 175
. regeneration of mouthparts and legs 7
. *Aponomma*, coloration in 4
. *Argas persicus*, regeneration of mouthparts and legs 7
. *Dermacentor*, coloration in. 3
. *atrosignatus*, malformation in 175
. *reticulatus niveus*, coloration in 2
. *variabilis*, coloration in 3
. *venustus*, coloration in 2
. *Hyalomma*, coloration in ornate species 4
. *aegyptium*, malformations in 178
. regeneration of mouthparts and legs 7
. *Ixodes ricinus*, spermatogenesis in 159
. *Rhipicephalus*, coloration in ornate species 4

ARACHNIDA PAGE
. LINGUATULIDA
. *Porocephalus pomeroyi* n. sp. from *Naia nigricollis* 337
Argas, *see* Arachnida, Ixodoidea
Ascaridae, *see* Vermes, Nematoda
Ascaris, *see* Vermes, Nematoda

Baboon, *see* Papio
Bilharziasis, incidence and origin in Cairo 61
prophylaxis 67
spread in Egypt 65
see Vermes, Trematoda, *Schistosomum*
Birds, *see* Vermes, Trematoda
Blastocystis, nature thereof discussed 362
Bucentes, see Insecta, Diptera
Bufo spp., Haemogregarines of 319

Cat, spirochaetes in stomach of 108
Cattle, Filariids of 341
see Vermes, Trematoda
Cawston's species of S. African Cercariae 212
Ceratomyxa, *see* Protozoa
Cercaria, *see* Vermes, Trematoda
Cestoda, *see* Vermes
Chamaeleon vulgaris, intestinal flagellate in 350
Chelone (host), *see* Vermes, Trematoda
Clonorchis, *see* Vermes, Trematoda
Chloromyxum, *see* Protozoa
Cnemidocoptes, *see* Arachnida, Acarina varia
Coloration in Ticks 1
Cotugnia, *see* Vermes, Cestoda
Craterostomum, *see* Vermes, Nematoda
Cricocephalus, *see* Vermes, Trematoda
Crithidia, *see* Protozoa
CRUSTACEA
. *Daphnia magna* parasitized by *Monosporella* (*Monospora*) 83
Cylicostomum, *see* Vermes, Nematoda
Cylindropharynx, *see* Vermes, Nematoda

Daphnia, *see* Crustacea
Dasyhelia, *see* Insecta, Diptera
Dendrorhynchus n.g., *see* Protozoa, Gregarines
Dermacentor, *see* Arachnida, Ixodoidea
Dicrocoelium, *see* Vermes, Trematoda
Donkey, sclerostomes of 27

Egypt, *see* Vermes, Trematoda
Eimeria, *see* Protozoa
Endolimax, *see* Protozoa
Entamoeba, *see* Protozoa
Eurytrema, *see* Vermes, Trematoda
Exorchis n.g., *see* Vermes, Trematoda

PAGE

Fahrenholz's purported n. sp. etc. of *Pediculus* discussed 136
Fasciola, *see* Vermes, Trematoda
Fasciolopsis, *see* Vermes, Trematoda
Filariasis, treatment of 132
Filariids, *see* Vermes, Nematoda
Fischoederius, *see* Vermes, Trematoda
Fish, Myxosporidia in 328
(hosts), *see* Vermes, Trematoda
Flanders (Southern), Anopheline survey 235
Fleas, flagellates in 366
Fowl, *see* Poultry

Gregarines, *see* Protozoa

Haemogregarina, *see* Protozoa
Hedgehog, cestode of 310
Herpetomonas, *see* Protozoa
Hookworms, *see* Vermes, Nematoda
Horse, *Psoroptes equi* 334
Hyalomma, *see* Arachnida, Ixodoidea
Hymenolepis, *see* Vermes, Cestoda

INSECTA
. ANOPLURA
. Mallophaga
. *Machaerilaemus plocei* n. sp. 168
. *Neomenopon pteroclurus* n.g., n. sp. 170
Siphunculata
. *Pediculus*, influence of summer heat on 173
. measurements 144
. morphology 147
. pigmentation 149
. purported n. sp. and sub-sp. etc. discussed 136
. synonymy 151
. DIPTERA
. Anopheline survey in S. Flanders 235
. *Bucentes* (*Siphona*) *geniculata* parasite of *Tipula* 199
. *Dasyhelia obscura*, larva infested by gregarines 154
. parasitized by saccharomycete 83
. Mosquitoes, larval habitats in Malaya 180
. *Systenus* sp., larva infested by gregarines 155
. *Tipula paludosa* parasitized by *Bucentes* 199
. SIPHONAPTERA (Fleas), flagellates in 366
Ixodes, *see* Arachnida, Ixodoidea

Japan, digenetic Trematodes of 380

Lacerta agilis, intestinal flagellate in 358
Leishmania, *see* Protozoa
Leptolecithum n.g., *see* Vermes, Trematoda
Lizards, intestinal Protozoa etc. of 350
(hosts), *see* Vermes, Nematoda, *Polydelphis*

PAGE

Loa, *see* Vermes, Nematoda
Loxogenes, *see* Vermes, Trematoda

Macacus, *Endolimax kueneni* n. sp. parasitic in gut of 378
see Vermes, Trematoda
Machaerilaemus, *see* Insecta, Anoplura
Malaria, *see* Malay
Malay Archipelago, malaria and mosquito survey in 180
Malformations in Ticks 175
Mallophaga, *see* Insecta, Anoplura
Malta, human intestinal parasites 72
Man, parasitic worms in, *see* Vermes
see Protozoa, *Endolimax*
see Vermes, Trematoda
Maupasella, *see* Protozoa, Ciliata
Mesopotamia, intestinal helminths in Indians 95
Pediculus prevalence, effect of summer on 173
Microtrema n.g., *see* Vermes, Trematoda
Mollusca, hosts of *Schistosomum* 49
Monospora, *see* Saccharomycetes
Monosporella, n.g., *see* Saccharomycetes
Mosquitoes, *see* Insecta, Diptera
Myxidium, *see* Protozoa
Myxosporidia, *see* Protozoa

Necator, *see* Vermes, Nematoda
Nematoda, *see* Vermes
Nematospora, *see* Saccharomycetes
Neomenopon n.g., *see* Insecta, Anoplura
Notoedres, *see* Arachnida, Acarina varia

Octangium, *see* Vermes, Trematoda
Oochoristica, *see* Vermes, Cestoda
Ophidascaris n.g., *see* Vermes, Nematoda

Papio cynocephalus, *Loa papionis* n. sp. parasitic in 113
Paragonimus, *see* Vermes, Trematoda
Pediculus, *see* Insecta, Anoplura
Phyllodistomum, *see* Vermes, Trematoda
Pig (host), *see* Vermes, Trematoda
Plymouth, *see* Fish
Polyangium, *see* Vermes, Trematoda
Polydelphis, *see* Vermes, Nematoda
Porocephalus, *see* Arachnida, Linguatulida
Poultry, cestodes of 301
see Vermes, Trematoda
Prosthogonimus, *see* Vermes, Trematoda
PROTOZOA
Ciliata
Maupasella nova in gut of earthworms 92
Classification of flagellates discussed 354
Crithidia in fleas 366

PROTOZOA PAGE

. *Eimeria* cysts of an hitherto undescribed species in human stools 427
. *Eimeria snijdersi* n. sp. in human stools 435
. *Endolimax kueneni* n. sp. in gut of Macacus 378
. *Entamoeba* sp. in lizards 364
. in man 72
. Gregarines
. *Allantocystis dasyhelei* n.g., n. sp. in gut of dipterous larvae 154
. *Dendrorhynchus systeni* n.g., n. sp. in gut of dipterous larvae 155
. *Haemamoeba, see* Malaria
. *Haemogregarina dogieli* n. sp. from *Bitis gabonica* 316
. *moloensis* n. sp. from *Bufo* sp. 319
. *Herpetomonas* in fleas 366
. *Leishmania* in fleas 366
. Myxosporidia in fish from Plymouth 328
. *Ceratomyxa dubia* n. sp. from *Cottus bubalis* 331
. *lata* n. sp. from *Capros sanglier* 330
. *Chloromyxum quadratum* Thél. 332
. *Myxidium intermedium* n. sp. from *Pleuronectes flavus* 331
. *Sphaeromyxa longa* n. sp. from *Gadus minutus* 332
. *ovata* n. sp. from *Onos tricirratus* 332
. *Prowazekella lacertae*, intestinal flagellate in lizards 359
. Spirochaetes, parasitic in cat's stomach 108
. *Trichomastix lacertae* 363
. *Trichomonas lacertae*. 363
Prowazekella, see Protozoa
Psoroptes, see Arachnida, Acarina

Rana (host), *see* Vermes, Trematoda
Regeneration, *see* Arachnida, Ixodoidea
Reptilia, *see* Vermes, Trematoda
Rhipicephalus, see Arachnida, Ixodoidea
Ruminants (various), Filariids of 341

Saccharomycetes (parasitic)
Monospora bicuspidata Metsch. 83
Monosporella bicuspidata (Metsch.) 84
unicuspidata gen. n. nom., n. sp. parasitic in dipterous larva (*Dasyhelia obscura*) 83
Nematospora coryli Peglion 88
Sarcoptes, see Arachnida, Acarina varia
Scabies (sarcoptic) in man and animals 265
Schistosomum, see Vermes, Trematoda
Snakes, Haemogregarines of 316
Porocephalus in 337
see Vermes, Nematoda, *Ophidascaris, Polydelphis*
Setaria, see Vermes, Nematoda
Spermatogenesis in *Ixodes ricinus* 159
Sphaeromyxa, see Protozoa
Spirochaeta, see Protozoa
Steringotrema, see Vermes, Trematoda
Strongylus, see Vermes, Nematoda

Systenus, *see* Insecta, Diptera PAGE

Tapeworms, *see* Vermes, Cestoda
Ticks, *see* Arachnida, Ixodoidea
Tipula, *see* Insecta, Diptera
Trematoda, *see* Vermes
Trichomastix, *see* Protozoa
Trichomonas, *see* Protozoa
Triodontophorus, *see* Vermes, Nematoda

VERMES
CESTODA
of man, in Malta . . . 72
Mesopotamia . . . 95
poultry . . . 301
Cotugnia digonophora . . . 304
fastigata n. sp. in ducks . . . 304
Hymenolepis columbae . . . 306
coronula . . . 307
gracilis . . . 308
Oochoristica erinacei n. sp. in *Erinaceus* . . . 310
NEMATODA
of man in Malta . . . 72
Mesopotamia . . . 95
zebra . . . 98
Agchylostoma braziliensi, distribution . . . 217
ceylanicum, distribution . . . 217
duodenale, distribution . . . 217
Ascaridae, classification of . . . 253
Craterostomum tenuicauda n. sp. in zebra . . . 105
Cylicostomum adersi n. sp. . . . 30
montgomeryi n. sp. in zebra . . . 104
spp. . . . 27
zebrae n. sp. in zebra . . . 102
Cylindropharynx brevicauda in zebra . . . 99
longicauda in zebra . . . 101
Loa loa . . . 128 *et seq.*
papionis n. sp. in baboon . . . 113
Necator americanus, distribution . . . 217
Ophidascaris n.g. . . . 412
filaria . . . 413
gestri . . . 417
intorta . . . 418
mombasica n. sp. in *Psammophis* . . . 416
naiae . . . 418
obconica . . . 415
papillifera . . . 417
solitaria . . . 417
Polydelphis group . . . 411, 418
anoura . . . 419
attenuata . . . 420
boddaertii . . . 423

VERMES PAGE
NEMATODA (*continued*)
Polydelphis hexametra 424
oculata 421
quadricornis 422
waterstoni n. sp. in *Zamenis* 424
Setaria digitata (v. Linstow) 344
hornbyi n. sp. in antelope 348
labiato-papillosa (Aless.) 342
marshalli n. sp. from cattle, Burma 346
Strongylus asini n. sp. in donkey 28
spp. 27
Triodontophorus intermedius 27
TREMATODA
of man in Malta 72
Cercaria pigmentosa 213
30-*acanthostoma* n. sp. in *Physopsis* (Mollusk) 214
Clonorchis sinensis 381
Cricocephalus koidzumii n. sp. in *Chelone* 395
Dicrocoelium macaci n. sp. in *Macacus* 386
Eurytrema coelomaticum 384
pancreaticum 384
satoi n. sp. in *Macacus* 385
Exorchis oviformis n.g., n. sp., in *Parasilurus* (fish) 405
Fasciola hepatica 389
Fasciolopsis buski 389
Fischoederius elongatus 392
Leptolecithum eurytremum n.g., n. sp., in fish 396
Loxogenes liberum 396
Microtrema truncatum n.g., n. sp., in pig 381
Octangium takanoi n. sp. in *Chelone* 396
Paragonimus westermanni 392
Phyllodistomum folium 405
Polyangium miyajimai n. sp. in *Chelone* 394
Prosthogonimus japonicus 393
Schistosomum haematobium, morphology and biology 36
mansoni, morphology and biology 36
Steringotrema nakazawai n. sp. in *Sparus* (fish) 408
Watsonius macaci n. sp. in *Macacus* 392

Water, *see* Bilharziasis
Watsonius, *see* Vermes, Trematoda

Zanzibar, *see* Donkey
Zebra, Nematode parasites of 98